M24512-DRMN3TP/K

Manufacturer Part Number	M24512-DRMN3TP/K
Manufacturer	STMicroelectronics
Allelco Part Number	32D-M24512-DRMN3TP/K
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC EEPROM 512KBIT I2C 1MHZ 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	M24512-A125.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

M24512-DRMN3TP/K - STMicroelectronics.New Original in Stock. Download Linear Technology M24512-DRMN3TP/K datasheet/specifications on AllelcoElec.com.
Request a quote for M24512-DRMN3TP/K, please send us email: info@allelco.com

Specifications

M24512-DRMN3TP/K Tech Specifications
M24512-DRMN3TP/K - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Mounting Type	Surface Mount
Write Cycle Time - Word, Page	4ms	Memory Type	Non-Volatile
Voltage - Supply	1.8V ~ 5.5V	Memory Size	512Kbit
Technology	EEPROM	Memory Organization	64K x 8
Supplier Device Package	8-SOIC	Memory Interface	I²C
Series	Automotive, AEC-Q100	Memory Format	EEPROM
Package / Case	8-SOIC (0.154', 3.90mm Width)	Clock Frequency	1 MHz
Package	Tape & Reel (TR)	Base Product Number	M24512
Operating Temperature	-40°C ~ 125°C (TA)	Access Time	450 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics M24512-DRMN3TP/K

Product Attribute				
Part Number	M24512-DRMN3TP/K	M24512-RMB6TG	M24512-DFMN6TP	M24512-DRDW3TP/K
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	Automotive, AEC-Q100	-	-	Automotive, AEC-Q100
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Base Product Number	M24512	M24512	M24512	M24512
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-UFDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-TSSOP (0.173', 4.40mm Width)
Supplier Device Package	8-SOIC	8-UFDFPN (2x3)	8-SOIC	8-TSSOP
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Access Time	450 ns	500 ns	500 ns	450 ns
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Memory Organization	64K x 8	64K x 8	64K x 8	64K x 8
Memory Interface	I²C	I²C	I²C	I²C
Memory Size	512Kbit	512Kbit	512Kbit	512Kbit
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 5.5V	1.7V ~ 5.5V	1.8V ~ 5.5V
Clock Frequency	1 MHz	1 MHz	1 MHz	1 MHz
Write Cycle Time - Word, Page	4ms	10ms	5ms	4ms
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

M24512-DRMN3TP/K Datasheet PDF

Download M24512-DRMN3TP/K pdf datasheets and STMicroelectronics documentation for M24512-DRMN3TP/K - STMicroelectronics.

PCN Packaging

Mult Dev Inner Pkg Chg 30/Oct/2019.pdf

Mult Dev Label Chgs 29/Oct/2020.pdf

PCN Assembly/Origin
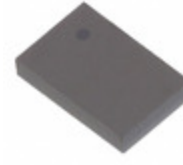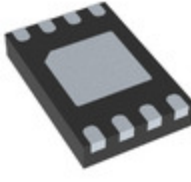
2.73KHz.pdf

HTML Datasheet

M24512-A125.pdf

Customers Also Interested in

Recommended Products

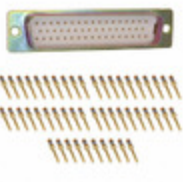|					
M24512-RMB6TG STMicroelectronics IC EEPROM 512KBIT I2C 8UFDFPN	**M24512-DFMN6TP** STMicroelectronics IC EEPROM 512KBIT I2C 1MHZ 8SOIC	**M24308/4-5F** PEI-Genesis DSUB 50 P CRIMP G50 YLW CAD	**M24512-DRDW3TP/K** STMicroelectronics IC EEPROM 512KBIT I2C 8TSSOP	**M24512-DFCS6TP/K** STMicroelectronics IC EEPROM 512KBIT I2C 8WLCSP	**M24512-DRMF3TG/K** STMicroelectronics IC EEPROM 512KBIT I2C 1MHZ 8MLP
M24512-RMC6TG STMicroelectronics IC EEPROM 512KBIT I2C 8UFDFPN	**M24512-RMN6TP** STMicroelectronics IC EEPROM 512KBIT I2C 1MHZ 8SOIC	**M24512-DRDW8TP/K** STMicroelectronics IC EEPROM 512KBIT I2C 8TSSOP	**M24512-DRMN8TP/K** STMicroelectronics IC EEPROM 512KBIT I2C 1MHZ 8SOIC	**M24512-WDW6TP** STMicroelectronics IC EEPROM 512KBIT I2C 8TSSOP	**M24512-RMN6P** STMicroelectronics IC EEPROM 512KBIT I2C 1MHZ 8SOIC
M24308/4-5F ADI Electronics M24308/4-5F	**M24512-DRMN6TP** STMicroelectronics IC EEPROM 512KBIT I2C 1MHZ 8SOIC	**M24308/4-5F** ITT Cannon, LLC CONN DSUB PLUG 50POS PNL MNT	**M24512-WMN6P** STMicroelectronics IC EEPROM 512KBIT I2C 1MHZ 8SOIC	**M24512-RDW6TP** STMicroelectronics IC EEPROM 512KBIT I2C 8TSSOP	**M24512-DFMC6TG** STMicroelectronics IC EEPROM 512KBIT I2C 8UFDFPN

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD$)
0.00kg-1.00kg	USD$60.00
1.00kg-2.00kg	USD$70.00
2.00kg-3.00kg	USD$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
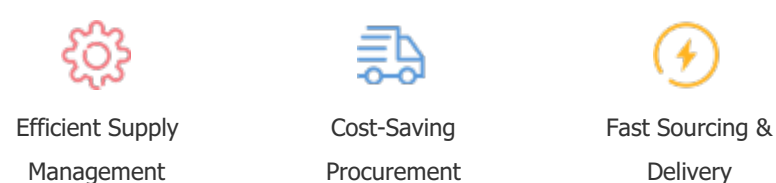
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Certifications & Memberships

ISO MEDICAL DEVICES ISO 13485:2016   ISO 9001:2015 CERTIFIED COMPANY   ISO 14001:2015 CERTIFIED COMPANY

ISO 28000:2007   IPC Member   SMTA Surface Mount Technology Association

View More

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